

CLAIMS

1. A method for the automatic management of terminal-dependent information in a wireless communication network, which method comprises the
- 5 steps:
- the detection of the unique identity of the terminal that the subscriber is currently using;
 - the remapping of the unique identity to properties, including type of terminal
 - the adaptation of information about properties to services for the type of

10 terminal detected; and

 - the presentation of the adapted information on the said terminal.
2. A method for the automatic management of terminal-dependent information in a wireless communication network according to claim 1,
- 15 **characterised by** the step of detecting the type of terminal being carried out by monitoring and probing signal links.
3. A method for the automatic management of terminal-dependent information in a wireless communication network according to claim 1,
- 20 **characterised by** the step of detecting the type of terminal being carried out by monitoring and probing signal links in order to detect MSISDN-IMSI mapping.
4. A method for the automatic management of terminal-dependent information in a wireless communication network according to either of claims 1 or
- 25 2, **characterised by** the method further comprising the steps:
- the request by the user of a service via SMS/USSD or conversation;
 - the exchange of IMEI information between MSC and BSC/RNC or between SGSN and BSC/RNC for the subscriber;
 - the capture of current IMEI information about the subscriber by probing the

30 signal link;

 - the detection by an application server of the request;
 - the request by the application server for terminal properties from the configuration server;

- the discovery by the configuration server of a unique subscriber identity either by reading information that is stored locally or by a request to HLR.
- the reading by the configuration server of stored IMEI for the subscriber;
- the remapping by the configuration server of IMEI to properties;
- 5 - the return by the configuration server of the properties to the application server; and
- the transmission of a terminal-dependent configuration to the terminal via SMS or other information channel.

10 5. A method for the automatic management of terminal-dependent information in a wireless communication network according to claim 1, **characterised by** the method further comprising the steps:

- the request by the user of a service via SMS/USSD or conversation;
- the detection by an application server of the request;
- 15 - the request by the application server for properties;
- the request by the configuration server for IMEI via modified ATI or a new operation involving HLR.
- the request by HLR to the terminal for IMEI via MSC/SGSN;
- the remapping by the configuration server of IMEI to properties;
- 20 - the return by the configuration server of the properties to the application server; and
- the transmission of a terminal-dependent configuration to the terminal via SMS or other information channel.

25 6. A method for the automatic management of terminal-dependent information in a wireless communication network according to claim 5, **characterised by** the step in which HLR requests IMEI from the terminal occurring in two steps:

- the request by HLR to MSC/SGSN for IMEI for the subscriber; and
- 30 - the request by MSC/SGSN to the terminal for IMEI for the subscriber via BSC.

7. A method for the automatic management of terminal-dependent information in a wireless communication network according to claim 1, **characterised by** the method further comprising the steps:

- 5 - the request by the application server for properties from the configuration server;
- the discovery by the configuration server of the unique subscriber identity either by reading information that is stored locally or by a request to HLR;
- the reading by the configuration server of stored IMEI for the subscriber;
- 10 - the contact by the configuration server to collaborating configuration servers if the IMEI information is not present in the local database, whereby the relevant collaborating configuration servers are determined by a request to HLR;
- the remapping by the configuration server of IMEI to properties;
- 15 - the conversion by the application server of terminal-independent information to terminal-dependent information; and
- the delivery of terminal-dependent information to the terminal.

8. A method for the automatic management of terminal-dependent information in a wireless communication network according to claim 7, **characterised by** the conversion step occurring based on attributes in the properties.

9. At least one software product ($102_1, \dots, 102_n$) that can be loaded directly into the internal memory of at least one digital computer ($100_1, \dots, 100_n$) comprising software modules for carrying out the steps according to claim 1 when the said products, at least one such, ($102_1, \dots, 102_n$) is run on the said computers, at least one such ($100_1, \dots, 100_n$).
